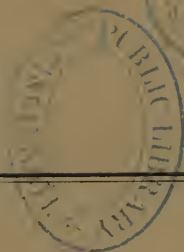


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PROVINGS

OF

CANNABIS INDICA.

PUBLISHED BY ORDER OF

THE AMERICAN PROVERS' UNION.

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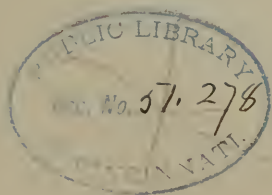
PHILADELPHIA:

KING & BAIRD, PRINTERS,

607 SANSON STREET.

1859.

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P R E F A C E.

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THE Committee of Publication regret that the provers did not attend to the progressive development of symptoms, on which account they have neither been able to give any groups, nor to state the order in which the different organs are affected by Cannabis Indica, but have been compelled to publish the provings in disjointed symptoms. The symptoms have all been elicited, either from large doses of the tincture, or from the first three decimal dilutions. This fact, and the similarity in the results obtained, have, in the minds of the Committee, obviated any necessity for placing after each symptom the dose by which it was produced; yet, for the benefit of those who desire to know them, the different doses taken will be found, with the names of the provers, in the conclusion of this preface.

Extracts from Bayard Taylor's experience with Haschish, have been incorporated with the symptoms of the "Mind."

Some clinical observations, as well as some pathogenetic effects of Cannabis Indica, extracted from translations of articles in Hirschel's Archives, made by Dr. Cowley, have been added to the symptoms by the Committee.

We are also indebted to Drs. Gray and Marcy for the excellent clinical observations sent to the Provers' Union.

The symptoms printed in large capitals have been experienced by all the provers, or repeatedly by several; those in italics by several provers, or frequently by one prover; those in common type by a single prover.

## DOSES TAKEN BY THE DIFFERENT PROVERS.

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Dr. COWLEY.—November 14th, 1858, at 5 P. M.—40 drops of the tincture, and an hour afterwards 40 more.

Dr. J. R. COXE, JR.—June 20th, 21st, 22d and 23d, 1856.—10 drops of the first decimal dilution at 8 A. M., 2 P. M., and at 10 P. M. August 1st, 2d, 3d and 4th.—10 drops of the third decimal dilution at 7 A. M., 2 P. M., and at 10 P. M. September 17th, 18th, 19th and 20th.—10 drops of the tincture at 8 A. M., 3 P. M., and at 10 P. M.

Dr. DUBS.—June 23d, 1852.—10 drops of the tincture at noon, at 5 P. M., and 15 drops at 8 P. M. June 25th.—15 drops at 10 A. M. and 5 P. M. June 27th.—20 drops at 9 A. M. and 4 P. M. June 28th.—30 drops at 9 A. M. July 7th.—40 drops at 10 A. M., and at 4 P. M.

Dr. MUSGRAVE.—December 20th, 1857.—60 drops of the tincture, at 6, P. M.

Dr. NEIDHARD.—Sept. 2d, 1856.—15 drops of the tincture in the morning.

Mr. CASPAR PFEIFFER.—November, 1858.—45 drops at 11 A. M., and at noon.

Dr. SHAW.—June 19th, 20th, 21st, 22d, 23d, 24th, 25th and 26th, 1856. 5 drops of the first decimal at 6 A. M., at noon, and at 10 P. M. Sept. 28th, 29th, 30th, October 1st and 2d.—5 drops of the tincture at 7 A. M., at noon, and at 10 P. M. October 3d and 4th.—10 drops of the tincture at 7 A. M., at noon, and at 10 P. M.

Dr. WOLFE dissolved two ounces of the Extract of Cannabis Indica in one quart of alcohol, on May 25th, 1856, and took a dose varying from 30 to 1000 drops every day, until October 1st, 1856, when he had taken it all.

C. B. COMPTON, M. D.,	}	<i>Committee of Publication.</i>
J. F. MUSGRAVE, M. D.,		
C. NEIDHARD, M. D.,		
G. WOLFE, M. D.,		

# CANNABIS INDICA.

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CANN. IND. Indian Hemp.

Compare with, Aconite, Arnica, Belladonna, Berberis, Bryonia, Camphor, Cannabis sativa, Cantharides, Clematis, Copaiba, Cubeba, Digitalis, Dulcamara, Hyosciamus, Lachesis, Lycopodium, Nux vomica, Opium, Petroleum, Pulsatilla, Sepia, Spigelia, Stannum, Stramonium, Terebinthina, Thuja, Uva ursi, Veratrum.

Antidotes. *Vegetable Acids.*

CLINICAL EXPERIENCE.—Profuse menstruation and metrorrhagia.—Metrorrhagia of parturient women.—Feverless Rheumatism.—Trismus Neonatorum.—In a case of Rheumatism affecting the left wrist and hand, with lameness of both feet, insupportable pains at night in different parts of the body, and great restlessness and sleeplessness.—A case of Trismus and Tetanus caused by staying in a damp, cold place, was cured by Cannabis indica after Opium, Chloroform salve, wet bandages, Acetic acid to the spine, actual cauterly, and clysters of Tobacco had been tried in vain.—

(The above applications of Cannabis indica are extracted from Hirschel's Archives.)

Dr. Gray writes the following concerning this drug.—“The Cannabis indica has proved of great service, in my hands, against illusions of a spectral character, not accompanied by terror; such as arise in some forms of nervous fever and in Mania puerperalis.—In this class of hallucinations my dose has not been less than one one-hundredth of a grain of the

extract (Gunje) rubbed in sugar.—It has also been useful in debility of the bladder with a paraplegic state of the lower limbs; used in alternation with *Nux vomica* of the same strength and continued many weeks.—One case of complete Paraplegia was permanently cured by these two remedies some three years since, in my practice.—Dr. L. Warner has prescribed the *Cannabis* in many cases of ship fever (*Typhus petechialis*) and in one case of Puerperal mania with marked success, taking the spectral hallucinations as his guide. Hallucinations and illusions following excesses in wine, and venery, and also arising from or during religious excesses seem to me to demand this drug with the dietetic use of Phosphate of Lime.”—

Dr. Marcy writes, “In my practice it has proved a valuable remedy in subacute inflammation of the brain, in Delirium tremens, and in a few cases of Epilepsy.—It has been eminently serviceable in hypochondriac affections of females, especially those somewhat advanced in life.—It exercises a peculiar control over this class of maladies and has sometimes effected speedy cures of cases which were bordering upon actual insanity.—I cannot too highly commend it in these affections, although my employment of it has been somewhat empirical. I am quite certain that the provings will corroborate these clinical facts derived *ab usu in morbis*. Some years since I made a few experiments upon Guinea pigs and rabbits with a tincture of *Cannabis indica*, and in most instances it caused an injection of the blood vessels of the entire brain; but its chief influence appeared to be exerted upon the *Tubercula Quadrigemina* and the parts in the immediate vicinity. Indeed, the appearances it produced were very similar to those which have been observed from Opium, Belladonna, Alcohol, and from the ethers (when inhaled). From this pathological resemblance, we were induced to employ it in the cases alluded to. In several cases of Neuralgia where Belladonna was indicated but failed in curing, we have succeeded completely with Can-



nabis. A lady aged about forty years, had been confined to her bed for seven months, with a morbid sensitiveness and a great prostration of the entire nervous system. Her Allopathic physician had treated her with Iron, Cinchona, Opium, and the other usual remedies of his school, without any benefit until she had been in her bed almost constantly for the period above indicated. At this time she was placed under my care in the following condition; no apparent organic derangement in any part of her body. The organs all performed their functions with considerable regularity but sluggishly. On attempting to make the slightest effort, in rising up in bed, or in making any exertion, she experienced a great sense of prostration, and a deathlike sinking and weakness at the pit of her stomach and to some extent in her chest. Pulse seventy-six and regular, but weak. Respiration and temperature of the skin natural. We put her under the use of Cannabis indica and after six days she was able to sit up for fifteen minutes without any serious inconvenience. The remedy was persisted in, and her improvement continued until at the expiration of six weeks she was able to sit up the entire day; to walk for half an hour at a time and to ride out for an hour or two with benefit. All her unpleasant symptoms in the chest and stomach have disappeared and she is now quite well with the exception of a slight general debility. We have occasionally employed Cannabis indica in mental conditions characterized by great exhilaration and excitement, but not with favorable results. At first view it appears homœopathic to mental exaltation almost amounting to intoxication; but our clinical experience does not confirm this idea. We have no doubt but experiments with attenuated doses will demonstrate its homœopathicity to an opposite mental condition.

GENERAL SYMPTOMS.—AGREEABLE THRILLING THROUGH THE BODY AND EXTREMITIES.—Disinclination to physical labor.—*Great desire to lie down in daytime.*—Feels greatly fatigued.—THOROUGHLY EXHAUSTED FROM A SHORT

WALK.—Tired feeling in the limbs, with disposition to retire early to bed.—*He felt so weak he could scarcely speak, and soon fell into a deep sleep.*—From time to time shaking of the whole body.—PARALYSIS OF THE LOWER EXTREMITIES AND RIGHT ARM.

CHARACTERISTIC PECULIARITIES.—Aggravation of the symptoms, especially of those of the brain by drinking coffee, or spirituous liquor, and by smoking tobacco.—The symptoms develope themselves mostly on the right side.

SKIN.—Burning in the skin of the body and extremities.

SLEEP.—EXCESSIVE SLEEPINESS.—*Day sleepiness.*—Great sleepiness in the afternoon.—After a full night's rest he slept soundly the whole of the next day.—Slept three days and three nights with the exception of those times when he was awakened to eat his meals.—Indisposition to rise in the morning.—*Starting of the limbs while sleeping, which awoke him when he feared he would have a fit.*—*Gritting and grinding of the teeth while sleeping.*—Screaming while sleeping.—*Talking during sleep.*—He wakes before midnight in a state of semi-consciousness; with inability to move; palpitation of the heart, slow, deep, labored, and intermittent breathing, and a feeling as if he were dying.—He wakes before midnight overcome with dreadful sensations; imagines he is going to be choked, cries and moans for some time, when all the objects in the room appear double their respective sizes, and he falls asleep again.—*Nightmare every night as soon as he falls asleep.* He wakes soon after midnight with intense thirst.—He wakes at 6 o'clock in the morning with fulness of the head and heaviness of the body.—SOUND SLEEP.—*Sound sleep with melancholy dreams.*—*Dreams of danger, and of perils encountered.*—*Dreams of dead bodies.*—*Vexatious dreams.*—*Prophetic dreams.*—*Voluptuous dreams, with erections and profuse seminal emissions.*

FEVER.—PULSE BELOW THE NATURAL STANDARD, AS LOW AS 46.—Hard shaking chill, with the following symptoms; loud chattering of the teeth; coldness of the body and extremities; profuse cold sweat; tired feeling in the limbs, with aching in the joints; dry mouth with thick white sticky saliva; intense thirst; drinking of large quantities of water; staggering and falling on attempting to walk; thumping in the head and heart; inability to raise from a stooping position on account of a crushing weight on the cerebellum, neck, and shoulders; blindness with the exception of a small point immediately where he looks; extremely slow and full pulse; seeming descent of the ceiling to crush him; earnest belief that he is dying, but cannot cry for help; falling to the floor and lying for some time unconscious; sleeping for three nights and three days afterwards.—*General chilliness*.—Coldness of the hands, feet, and especially of the nose, after dinner with shivering, shaking, and inability to get warm.—*Loss of animal heat*.

MORAL SYMPTOMS.—*Moaning and crying*.—*Great anguish and despair*.—*Great apprehension of approaching death*.—*Horror of darkness*.—Fear of spectres.—Easily excited and irritable in the afternoon.—Great depression of spirits, with weariness, and a pale face.—Feels wretched.—INCOHERENT TALKING.—*Stammering and stuttering*.—Very sarcastic.—Very passionate.—Tendency to blaspheme.—*Exaltation of spirits, with great gaiety and disposition to laugh at the merest trifle*.—*Full of fun and mischief, and laughs immoderately*.—Elevation of spirits, with a feeling of lightness in the body in the evening.—EXALTATION OF SPIRITS WITH EXCESSIVE LOQUACITY.—Accents the last syllable in all his words, and laughs immoderately.—UNCONTROLLABLE LAUGHTER, TILL THE FACE BECOMES PURPLE AND THE BACK AND LOINS ACHE.—*Laughs indiscriminately at every word said to him*.—Faces assume such ridiculous appearances, that he bursts into fits of laughter.—On becoming conscious, he finds himself dancing, laughing, and singing before a looking-glass.—Talks in so low a tone as not to be heard, and laughs excessively

when told of it. Writes one word for another.—*He begins a sentence, but cannot finish it, because he forgets what he intended to write or speak.*—*Imagines he is gradually swelling, his body becoming larger and larger.*—VERY ABSENT MINDED.—Pays no attention when spoken to.—*Imagines some one calls him.*—Looks under beds and tables, unlocks and relocks doors; for he fancies he hears strange noises, and that thieves are in the house.—Unconsciously walks sidewise in the street.—Cannot avoid running against persons in the street.—Fancies, on opening his bed-room door, that he sees numberless diabolical imps, with bloody faces and immense black eyes, which so terrify him that he sinks on his knees; a cold sweat breaks out on his body; his heart beats violently; he thinks he will suffocate, and cries loudly for help; suddenly one of the imps commences playing on a hand-organ, and making such grotesque grimaces, that he bursts into fits of laughter.—*Inability to recall any thought or event, on account of the number of different thoughts crowding on his brain.*—Imagines men are bribed to kill him.—Ugly faces assume a pleasing expression.—He whistles, and wishes to hug every one he meets.—*He fancies he hears numberless bells ringing most sweetly.*—IMAGINES HE HEARS MUSIC, SHUTS HIS EYES, AND IS LOST FOR SOME TIME IN THE MOST DELICIOUS THOUGHTS AND DREAMS.—Falls constantly into reveries.—Music of any kind is intensely agreeable to him.—While listening to the piano, he loses consciousness, and is seemingly raised gently through the air to a great height, when the strains of music become perfectly celestial; on regaining consciousness, his head is bent forwards, his neck is stiff, and there is a loud ringing in his ears.—*His mind is filled with ridiculous speculative ideas.*—Constantly theorizing.—Thinks each one he meets has some secret sorrow, and wishes to sympathize with him.—*His head feels very heavy, he loses consciousness, and falls.*—ON REGAINING CONSCIOUSNESS, VIOLENT SHOCKS PASS THROUGH HIS BRAIN.—*In the daytime; dreams, returning periodically or dreamy attacks.*—He wished to write down his symptoms, but he had to give up the attempt on account of the wandering of his thoughts.

*He could not read, partly on account of dreamy spells, and partly because he had not full power of vision.—FIXED IDEAS.—He forgot his last words and ideas, and spoke in a low tone with a thick voice, as if tired.* EVERY FEW MOMENTS HE WOULD LOSE HIMSELF, AND THEN WAKE UP, AS IT WERE, TO THOSE AROUND HIM.—It was only after repeated trials that he made a memorandum, while persons were conversing in the room, on account of him not being able to attend to more than one thing at once; new ideas would constantly occur to him, which occupied his mind for a short time, when others would rise; all seemed to come in a misty sort of a way; and the time elapsing between one train of thoughts and another, seemed to him long, although really short.—His forgetfulness caused those present to smile, upon which he laughed in a very silly manner.—Spasmodic laughter, seemingly increased by flatulence rising in his throat, threatening to choke him and to make him vomit; there was, however, no nausea.—His brain seemed cataleptic; he commenced to do something, his fingers moved slowly, a new thought presented itself, which he pursued for a while, when another would suggest itself; in this manner ideas passed through his mind, not quickly, but as though each one stopped there a little time on account of the torpidity of his brain; the slow motion of his fingers seemed to be caused by the cataleptic state of his mind.—During the intoxication, when the spells of laughter came on, he stamped with his feet, and raised his body up and down upon the sofa in a violent manner.—He did things automatically.—HE WAS IN CONSTANT FEAR HE WOULD BECOME INSANE.—Taciturnity.

(The following symptoms of the mind are translated from Hirschel's Archives:)

Impulse to change about from place to place.—Unpleasant shuddering through all the limbs, with a painful feeling of weight in the occiput, and a tetanic intermittent contraction of the muscles of the nape of the neck.—Luxurious indolence and erotic delirium.—Alarming exaltation with strange hallucinations.—After experiencing peculiar visions and sen-



sations, a necessity for exercise came on; he raised himself up as if by some elastic power, struck himself on the breast, and began to sing and dance in a most extravagant manner.—As soon as he closed his eyes he fell into a state of syncope.—Great excitation of the whole system, as if the blood were circulating very quickly; as if streams of it were poured from below towards the head, which felt dull, while his eyes were glistening; on walking, he could scarcely find his way; every thing seemed dark and perverted; on reaching home, great cheerfulness and serenity, as though an unseen power lifted him up into other and higher regions; everything appeared too small and too dark; frequent protestations that he was something unearthly, and could accomplish great things; he saw spirits dancing around him as happy as himself; his hearing was very acute; the slightest noise, as the beating of his own heart, seemed too loud; violent thirst; Cataleptic and epileptic attacks.

BAYARD TAYLOR'S EXPERIENCE WITH CANNABIS.—In his first experiment, the sensations it produced, were those, physically, of exquisite lightness and airiness—mentally, of a wonderfully keen perception of the ludicrous in the most simple and familiar objects.—Objects by which he was surrounded assumed such a strange and whimsical expression—became in themselves so inexpressibly absurd and comical, that he was provoked into a long fit of laughter. The hallucination died away as gradually as it came, leaving him overcome with a soft and pleasant drowsiness, from which he sank into a deep, refreshing sleep.

In his second experiment, the same fine nervous thrill (that he experienced in his first experiment,) suddenly shot through him. But this time it was accompanied with a burning sensation at the pit of the stomach; and instead of growing upon him with the gradual pace of healthy slumber, and resolving him, as before, into air, it came with the intensity of a pang, and shot throbbing along the nerves to the extremities of his body. It seemed to him as if he

existed without form throughout a vast extent of space. His whole body seemed to expand and the arch of his skull to be broader than the vault of heaven. His sensations presented themselves to him in a double form: one physical, and therefore, to a certain extent, tangible, and the other spiritual, and revealing itself in a succession of splendid metaphors. His physical feeling of extended being was accompanied by an image of an exploding meteor, not subsiding into darkness, but continuing to shoot from its centre or nucleus—which corresponded to the burning spot at the pit of his stomach—incessant adumbrations of light that finally lost themselves in the infinity of space. His mind was crowded with a succession of visions, but all ending in the ludicrous.—While he was most completely under the influence of the drug, he was perfectly conscious that he sat in the tower of Antonio's hotel in Damascus, knew that he had taken Hashish, and that the strange, gorgeous and ludicrous fancies which possessed him, were the effects of it.—He was conscious of two distinct conditions of being in the same moment, of which neither conflicted with the other. His enjoyment of the visions was complete and absolute, undisturbed by the faintest doubt of their reality; while, in some other chamber of his brain, reason sat coolly watching them, and heaping the liveliest ridicule on their fantastic features.—One set of nerves was thrilled with the bliss of the gods, while another was convulsed with unquenchable laughter at that very bliss. His highest ecstasies could not bear down and silence the weight of his ridicule, which, in its turn, was powerless to prevent him from running into other and more gorgeous absurdities.—After a while the visions became more grotesque than ever, but less agreeable; and there was a painful tension throughout his nervous system.

He laughed until his eyes overflowed profusely. Every drop that fell, immediately became a large loaf of bread, and tumbled upon the shop-board of a baker in the bazaar at Damascus.—The more he laughed, the faster the loaves fell

until such a pile was raised about the baker, that he could hardly see the top of his head.

A fierce and furious heat radiated from the stomach throughout his system; his mouth and throat were as dry and hard as if made of brass, and his tongue, it seemed to him, was a bar of rusty iron. Although he seized a pitcher of water and drank long and deeply, his palate and throat gave no intelligence of his having drunk at all.

About midnight, his excited blood rushed through his frame with a sound like the roaring of mighty waters.—It was projected into his eyes, until he could no longer see; it beat thickly on his ears, and so throbbed on his heart, that he feared the ribs would give way under its blows. He tore open his vest, placed his hand over the spot, and tried to count the pulsations; but there were two hearts, one beating at the rate of a thousand beats a minute, and the other with a slow, dull motion. His throat, he thought, was filled to the brim with blood, and streams of blood were pouring from his ears.—After the visions were over, there arose a sensation of distress, which was more severe than pain itself.

His throat was as dry as a potsherd, and his stiffened tongue cleaved to the roof of his mouth. About 3 o'clock the next morning, rather more than five hours after the Hasehish had been taken, he sunk into a stupor. All the following day and night he laid in a state of blank oblivion, broken only by a single wavering gleam of consciousness.

He arose, attempted to dress himself, drank two cups of coffee, and then fell back into the same deathlike stupor.

On the morning of the second day, after a sleep of thirty hours, he awoke again to the world, with a system utterly prostrate and unstrung, and a brain clouded with the lingering images of his visions.—There was no taste in what he ate, no refreshment in what he drank, and it required a painful effort to comprehend what was said to him, and return a coherent answer.

After drinking a glass of very acid sherbet, he experienced instant relief of these symptoms. The spell was not wholly



broken, and for two or three days he continued subject to frequent involuntary fits of absence of mind.

The ruling hallucination of one of his companions was that he was a locomotive.

HEAD.—VERTIGO.—*Vertigo on rising.—Vertigo on rising, with a stunning pain in the back part of his head, and he falls.—Fulness in the forehead as if it would burst.—Burning pain in both temples.—Heavy insurmountable pressure on the brain forcing him to stoop.—Headache while in the sun.—Severe stitch in the right temple, gradually changing to a pressing pain.—Aching in both temples, most severe in the right.—Throbbing, aching pain in the forehead.—The head feels bruised, with a pressive pain.—Dull drawing pain in the forehead, especially over the eyes.—Dull, heavy, throbbing pain through the head, with a sensation like a heavy blow on the back of the head and neck.—Darting, throbbing pain in the right temple, and from the back of the head to the forehead.—Dull, sticking pain in the right temple.—Pain as if from a blow over the orbit of the right eye.—FREQUENT INVOLUNTARY SHAKING OF HIS HEAD.—Pressure on the forehead and top of his head, which seemed to cause his slowness of speech and action.—Heaviness and pressure over the eyes with nausea.—Heat in the forehead.—Jerking in the right side of the forehead towards the interior and back part of the head.—Fulness in the head, with drowsiness and flushes in the face.—Fulness in the right side of the cerebellum, with a dull pain, worse on shaking the head.—Fulness of the head, with a sharp intermittent pain in the right side, under the parietal bone.—Pain in the whole right side of the head.—Soreness of the scalp to touch.—Crawling in the scalp on the top of the head.*

EYES.—INJECTION OF THE VESSELS OF THE CONJUNCTIVA OF BOTH EYES.—Inflammation and swelling of the Caruncula lachrymalis of both eyes.—*The vessels of the conjunctiva of both eyes are injected in a triangular patch extending from the internal canthus to the cornea ; worse in the right.—Sensitiveness of the*

right eye to the light, with lachrymation.—Heat in the eyes.—Heaviness in the eyes.—Burning and smarting in the eyes.—The flame of a candle seems surrounded by a pea-green circle.—*Twinkling, trembling, and glimmering before the eyes.*—He cannot see with the exception of a small spot where he looks.—A large spot hovers a little above the vision of the left eye, sinking when he looks down, rising when he looks up.—*Jerking in the external corner of the eye and eyelid.*—Burning and itching of the edges of the eyelids.—His eyelids feel very heavy, and he can only partially open them.—Weakness of the eyes.—FIXED GAZE.—WHILE READING, THE LETTERS RUN TOGETHER.—Violet spots on the paper while reading.—Great pressure in the right eye.

EARS.—*Noise in the ears like boiling water.*—*Periodical singing in his ears, that always ceased as soon as he came to himself, and renewed itself whenever a dreamy spell came on.*—Jerking or electric shocks in the ears.—Tearing pain in the the right ear, ameliorated by pressure.—*Aching in both ears.*—THROBBING AND FULNESS IN BOTH EARS.—Sensitiveness to noise.—RINGING and BUZZING IN THE EARS.—Burning in the ears.—Sounds seem unusually loud.

NOSE.—Pain at the root of the nose.—Fulness and aching at the root of the nose.—He blew coagulated blood from his right nostril.

FACE.—HE LOOKS DROWSY AND STUPID.—*Wearied, exhausted appearance.* He looks as if thoroughly intoxicated.—Redness of the face during intoxication.—The skin of his face, especially of his forehead and chin, feels as if it were drawn tight.—*Coldness of the face, nose, and hands after dinner.*—PROFUSE STICKY SWEAT STANDING OUT IN DROPS ON HIS FOREHEAD.—Jerking of the lower lip.—Jerking from the head to the outer canthus of the left eye, from above downwards.

MOUTH.—Foaming at the mouth.—*His lips are glued*

together.—DRYNESS OF THE MOUTH AND LIPS.—WHITE, THICK, FROTHY AND STICKY SALIVA.

TEETH.—Heavy throbbing at the roots of the teeth.—Soreness at the union of the front-teeth and gums, especially on the inside with sensitiveness to the touch of the tongue.—Aching on all the teeth of the upper jaw which felt as if they were loose.

THROAT.—THE THROAT IS PARCHED, ACCOMPANIED BY INTENSE THIRST FOR COLD WATER.—Dryness and roughness in the throat.—Sensation as of a fleshy body at the pit of the throat, impeding deglutition. Sensation of a plug rising in his throat, causing him to choke.

APPETITE AND TASTE.—*Increased appetite.—Every article of food is extremely palatable.*—He eats large quantities of bread, declaring it to be delicious.—RAVENOUS HUNGER.—*Ravenous hunger, which is not decreased by eating enormously; he ceases eating only from fear of injuring himself. Pastry and fat food, which previously he never ate without suffering from rancid risings and headache, are now digested readily.*

GASTRIC SYMPTOMS.—*While eating, his stomach felt so swelled and his chest so oppressed as if he would suffocate, that he was forced to loosen his clothes.*—Nausea.—Eructation of tasteless wind, which relieves a dull pain in the epigastric region.

STOMACH.—The least pressure on the stomach brings on a fit of suffocation.—Crampy pain in the stomach.—Sensation of warmth in the stomach, changing to an aching pain, accompanied by oppression of the chest.—PAIN IN THE CARDIAC ORIFICE, relieved by pressure.—Cutting, griping pain in the stomach.—Agonizing clutching in the stomach—Sinking at the stomach.

ABDOMEN.—The abdomen feels swelled; relieved by belching up a considerable quantity of wind. Stitches above the Symphysis pubis.

STOOL AND ANUS.—Costiveness.—*Sensation in the anus as if he were sitting on a ball ; as if the anus, and a part of the urethra, were filled up by a hard round body.*

URINARY ORGANS.—*Aching in both kidneys keeping him awake at night.—Sharp stitches in both kidneys.—Burning in the kidneys.—Pain in the kidneys when laughing.*—PROFUSE COLORLESS URINE.—*Copious discharge of clear light colored urine.—Immense flow of urine in a full, clear stream.—Urinating frequently but in small quantities. Urinating every hour.—The stream suddenly stops, and then flows on.—THE URINE DRIBBLES OUT AFTER THE STREAM CEASES.—He has to force out the last few drops with his hand.—He has to wait some time before the urine flows.—Urging to urinate but he cannot pass a drop.—The urine passes freely at times ; then again in small quantities with burning and smarting.—Frequent urination with burning pain in the evening.*—BURNING AND SCALDING BEFORE, DURING, AND AFTER URINATION.—*Urging to urinate with much straining.—The urging continues after urination.—Pain and burning during urination.*—STINGING PAIN BEFORE, DURING, AND AFTER URINATION.—*Uneasiness in the urethra.—Uneasiness with burning sensation in the penis and urethra, accompanied by frequent calls to urinate.—Burning pains in the urethra, worse in the evening.—Intense burning at the orifice of the urethra during urination and continuing afterwards.—Sharp prickings like needles in the urethra, so severe as to send a thrill to the cheeks and head.—Slight inflammation of the orifice of the urethra.—Feelings in the urethra as if there were a gonorrhœal discharge.*—ON SQUEEZING THE GLANS PENIS A WHITE GLAIRY MUCUS Oozes OUT.

GENITAL ORGANS.—*Itching of the glans penis.—Sticking, burning soreness in the glans penis.—Itching and burning of the scrotum.*—SATYRIASIS.—*Violent erections.—Priapism. Chordee.—Excessive venereal appetite with frequent erections during the day.—Erections while riding, walking, and also while sitting still ; not caused by amorous thoughts.—Excessive dis-*

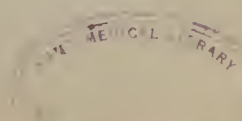
charge of prostatic fluid at night during a hard evacuation.—After coition the erection continues so long and becomes so painful that he has to apply cold water to the penis.—The sexual thrill is very much prolonged, with more than a dozen ejaculations of semen.—The sexual thrill consists merely of an intense burning with no evacuation of semen.—Nymphomania.

LARYNX AND TRACHEA.—Hawks up in the morning glairy lumps with a spot of blood in the middle of each.—The pitch of the voice is much higher.—ROUGH COUGH SCRATCHING THE BREAST IMMEDIATELY UNDER THE STERNUM.—Sharp, cutting pain behind the sternum, aggravated by swallowing.

CHEST.—Stitches extending from both nipples through the chest.—*Oppression of the chest, with deep, labored breathing. He feels as if suffocated, and has to be fanned.*—ANGUISH, ACCOMPANIED BY GREAT OPPRESSION; AMELIORATED IN THE OPEN AIR.—*Pressing pain in the heart, with dyspnœa the whole night.*—Hot breath.—*Anguish at the heart.*—*Painful sticking as with the prongs of a fork in the heart.*—Sticking pains in small circumscribed places in the heart.—*Pain in the heart, with palpitation when lying on the left side.*—Continual palpitation of the heart.—*Painful palpitation of the heart.*—*Stitches in the heart, accompanied by great oppression; the latter relieved by deep breathing.*—*It requires great effort to take a deep inspiration.*—*Palpitation of the heart, awakening him from sleep.*—On breathing, the heart feels as if it rubbed against the ribs.

BACK.—Stunning pain between the shoulder-blades.—Aching in the nape of the neck, in the right shoulder, and in the right ear.—PAIN ACROSS THE SHOULDERS AND SPINE, FORCING HIM TO STOOP, AND PREVENTING HIM FROM WALKING ERECT.

UPPER EXTREMITIES.—Lameness of the shoulders.—Feeling in the shoulders as if beaten, particularly in the left





shoulder.—Trembling of the arms and hands.—Inability to raise the right arm, with coldness of the right hand. Sudden appearance of redness in all the fingers, with burning and pricking in the joints.—Sharp sticking pain in the fingers.—Aching in the finger joints.—**AGREEABLE THRILLING THROUGH THE ARMS AND HANDS.**—The hands feel monstrously large.—*Coldness of the right hand, with stiffness and numbness of the right thumb.*

**LOWER EXTREMITIES.**—Pain in the right hip.—Pain in the left thigh bone.—*Weariness in both limbs, almost amounting to paralysis; worse in the left.*—Numbness of the left limb and foot.—Tired feeling in the left limb.—Great weakness of the left leg.—Lameness in the right limb, with drawings in the calves.—**AGREEABLE THRILLING IN BOTH LIMBS, FROM THE KNEES DOWN, WITH A SENSATION AS IF A BIRD'S CLAWS WERE CLASPING THE KNEES.**—*The right limb feels paralyzed when walking.—The right limb suddenly gives way and he falls. He is unable to walk up stairs, on account of an almost entire paralysis of the limbs, with stiffness and tired aching in both knees.*—**ENTIRE PARALYSIS OF THE LOWER EXTREMITIES.**—He drags his feet when walking.—Laming pain, with drawing and aching in the right knee.—The patellæ feel as if forcibly dragged down. His limbs feel very large.—*Numb feeling of the sole of the left foot, then of the foot, increasing to a numbness of the whole limb,—On attempting to walk, he experienced intensely violent pains, as if he trod on a number of spikes, which penetrated the soles of his feet and ran upward through his limbs to his hips, worse in the right limb, and accompanied by drawing pains in both calves; these pains forced him to limp and cry out in agony.—Shooting pains in the joints of the toes of the left foot, worse in the great toe.—Aching and stitching pain in the ball of the left big toe.—Numbness in the joints of both feet.—Pricking and aching in the joints of the big toe of the left foot.—His feet repeatedly go to sleep.—Sticking in the soles of the feet.—Burning in the soles of the feet.*

